

ABSTRACT

A speech encoding system and method for encoding a speech data signal including a number of frames. The speech encoding system includes a speech data rate determinator and a number of speech data signal encoders. The speech data rate determinator determines the data rate of each of the frames and selects one of the speech data signal encoders based on each data rate. Each frame may be encoded using a different encoding method or standard. The encoding system may further include a network controller for selecting any number of the speech data signal encoders based on predetermined factors.